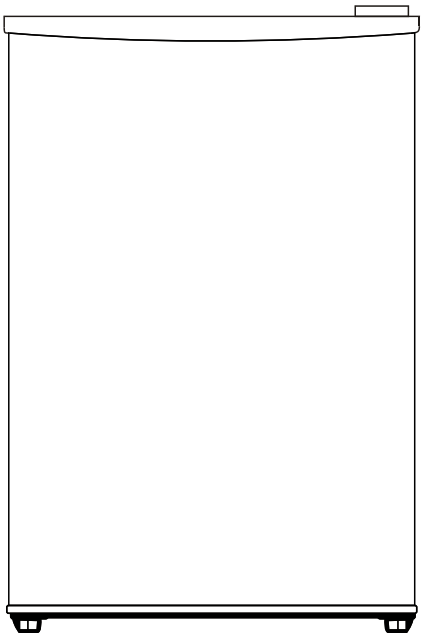
PROline

48cm UNDER COUNTER FREEZER
INSTRUCTION MANUAL

MODEL No.: PFZ90WA



Thank you for buying this upright freezer. To ensure that you get the best results from your new freezer, please take time to read through these simple instructions in this booklet.

Please ensure that the packaging material is disposal of in accordance with the current environmental requirements.
If the appliance is visibly damaged, do not connect it to the power supply, contact the store from where you purchased the appliance.

ELECTRICAL CONNECTION UK ONLY

For your safety please read the following information

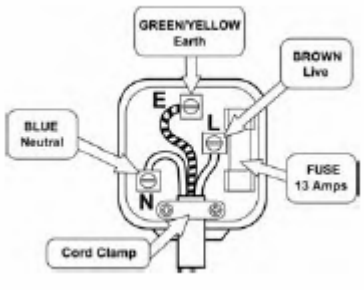
Warning This appliance must be earthed.
This appliance operates from 220-240 volts and should be protected by a 13 amp fuse in the plug.

The appliance is supplied with a standard 13 amp 3 pin plug fitted with a 13 amp fuse.
Should the fuse require replacement, it must be replaced with a fuse rated at 13 amp and approved to BS1362.

If the mains plug which is fitted is unsuitable for the socket outlet in your home or is removed for any other reason, please follow the instructions below on how to wire a 13 amp 3 pin plug.

How to wire a 13 amp plug.

Important. The wires in the mains lead on this appliance are coloured in accordance with the following code:
Green and Yellow – Earth
Blue – Neutral
Brown – Live



As the colours may not correspond with the markings identifying the terminals in your plug proceed as follows: the **Green and Yellow** wire must be connected to the the terminal in the plug which is marked with the letter **E** or with the earth symbol ⏚ or coloured **green and yellow**.

The **Blue** wire must be connected to the terminal marked **N** or coloured black.

The **Brown** wire must be connected to the terminal marked **L** or Coloured red.
Make sure the mains cord is held securely under the cord clamp.

THANK YOU FOR PURCHASING THIS PROLINE PRODUCT

This booklet contains the information you will require to install and operate your new appliance.

It is important and worthwhile spending time to fully read this booklet so you will understand how to operate the appliance safely and efficiently.
Please keep this booklet in a safe place so that you can refer to it when required.

Safety information

This information is provided in the interest of your safety. Please read the following carefully before carrying out the installation or use of the appliance.

If you are discarding an old freezer or refrigerator with a lock / catch fitted to the door, ensure that it is left in a disabled condition to prevent the entrapment of young children when playing.

As old refrigeration equipment may contain CFC's which will damage the ozone layer, when disposing of any refrigeration equipment please contact your local waste disposal department for advice on the correct method of disposal

This appliance must only be used for its intended purpose i.e. the freezing and storage of domestic edible foodstuffs and should not be used for any other purpose

If the mains cable becomes damaged, it must be replaced by the manufacturer, its

service agent or a similarly qualified person to avoid a hazard.

Installation

Position the appliance and allow to stand for two to three hours before it is turned on for the first time to allow the system to settle. Do not position next to any heat source e.g. cooker, boiler or in direct sunlight etc.

A clearance of 10 cm must be left between the sides of the appliance and any adjacent cabinets or walls to allow for adequate air circulation. The appliance is not designed for recessed installation ("building in").

Install on a good firm level surface, and any unevenness of the floor should be corrected prior to installation, slight unevenness can be overcome by adjusting the front feet.

NOTE: If the appliance is positioned on a carpet, soft floor covering you should re-adjust the front feet once the appliance has had time to settle.

IMPORTANT SAFETY INFORMATION

This appliance must be used on the electric voltage shown on the rating plate on the base of this appliance, failure to use the correct voltage will render the guarantee VOID and may cause damage to the product.

This appliance is intended for domestic use only, any other use may invalidate the warranty and might be dangerous.

This appliance is intended for indoor use only, do not use outdoors.

Accessible surfaces may get hot during operation, use handles and knobs at all times.

To protect against electric shock do not immerse cord, plugs, or appliance in water or other liquid.

Do not attempt to dislodge food when product is in operation.

Unplug from outlet when not in use and before cleaning. Remove food before cleaning the appliance.

If the mains lead becomes damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person with a lead of the same type and rating to avoid a hazard.

Do not operate the appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any way. Consult the retail store where you bought the appliance for advice.

The cooling circuit must not be damaged in any way.

Do not insert over sized food as this could cause a hazard.

Do not let cord hang over edge of the surface, or touch hot surfaces.

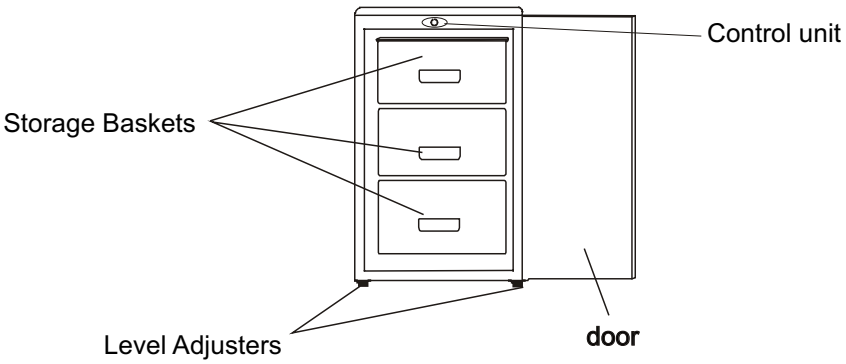
Do not place appliance on or near hot surfaces, or in direct sunlight.

Extreme caution must be used when moving an appliance.

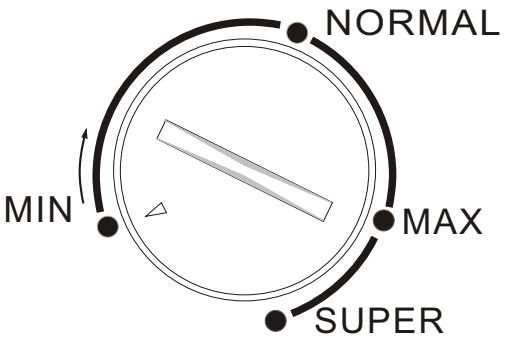
Always attach a plug to appliance, then plug cord in the wall outlet. To disconnect, turn the switch OFF, then remove the plug from wall outlet.

A short power-supply cord is provided to reduce the risk of a tripping hazard.

Description of the Appliance



Control Unit



USING THE APPLIANCE

⚠ *This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs.*

This appliance is designed to operate in ambient temperatures (surrounding air temperature) between 16℃ and 32℃

If these temperatures are exceeded i.e., colder or warmer, the appliance will not operate correctly. Should the ambient temperatures be exceeded for long periods, the temperature in the freezer section will rise above -18℃ and food spoilage may occur.

Before Use

Remove all securing tapes and foam under the condenser at the back of the cabinet. Wash the inside of the appliance with lukewarm water with a little bicarbonate of soda added (5ml to 0.5 litre of water). Do not use soap or detergent as the smell may linger. Dry the appliance thoroughly.

Thermostat Control

The thermostat control situated in the control panel regulates the temperature of the freezer compartment.

Position MIN - Cold

Position NORMAL- Colder.Normally setting at this position.

Position MAX - Coldest

Position SUPER -To fast freeze much hot food,

The temperature will be affected by:

- Room temperature
- How often the door is opened
- How much food is stored
- Position of the appliance

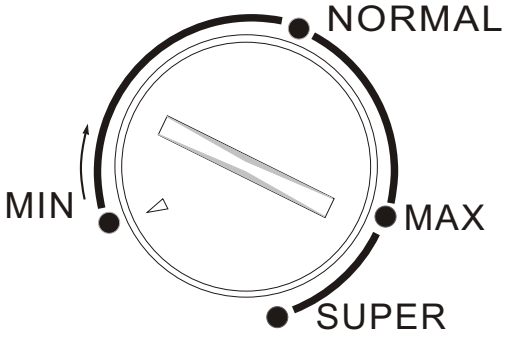
In determining the correct temperature control setting, all these factors have to be considered and some experimentation may be necessary

⚠ *Do not allow children to tamper with the controls or play with the product.*

⚠ *Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or products containing alcohol.*

To Start the Appliance

1. Allow the appliance to stand for 2 hours after installation.
2. Plug in the appliance and switch on at the mains supply.
3. Turn the thermostat control to the required setting. A midway setting is usually suitable for normal operation (see thermostat control).
4. Leave the appliance for approximately 4 hours for the correct temperature to be reached before placing food inside.



INSTALLATION

POSITIONING THE APPLIANCE

Do not keep your appliance in a room where the temperature is likely to fall below 16ºC (61°F) at night, especially in winter, as it is designed to operate in ambient temperatures between +16 and +32°C (61 and 90°F). At lower temperatures the appliance may not operate, resulting in a reduction in the storage life of the food.

Do not place the appliance near cookers or radiators or in direct sunlight, as this will cause extra strain on the appliance sfunctions. If installed next to a source of heat or fridge, maintain the following minimum clearances.

Choose a well-ventilated location with no less than 10cm clearance around the freezer. Place the freezer in a location with a firm base. In order to prevent vibration and excessive noise. Level the freezer by adjusting the two front feet.

DO NOT PLACE THIS PRODUCT IN AN EXCESSIVELY COLD OR HUMID AREA SUCH AS A GARAGE OR CELLAR ETC.

If the product has been stored or delivered in a non vertical orientation.
WAIT 24 HOURS BEFORE PLUGGING IN AND SWITCHING ON THIS PRODUCT.THE COOLANT FLUID NEEDS TIME TO SETTLE.
DO NOT STORE FOOD IN THE FREEZER UNTIL IT HAS BEEN RUNNING FOR AT LEAST 4 HOURS.

UNDER NO CIRCUMSTANCES MUST THE COOLANT CIRCUIT BE DAMAGED.

THIS PRODUCT IS INTENDED FOR DOMESTIC USE ONLY, ANY OTHER USE MAY INVALIDATE THE WARRANTY AND MIGHT BE DANGEROUS

If you are discarding an old appliance with a lock or catch fitted to the door, ensure that it is left with the door catch disabled and in a safe condition to prevent children getting trapped inside.

We suggest you contact your local authority for information on the correct and safe method of disposal.

Dispose of all packaging in an environmentally friendly way.

Your freezer is suitable for the long-term storage of commercially frozen foods and can be used to freeze and store fresh food.

If there is a power failure, do not open the door. Frozen food should not be affected if the failure lasts for less than 12 hrs. If the failure is longer, then the food should be checked and either eaten immediately or cooked and then re-frozen.

NOISES INSIDE THE FREEZER

If you have not owned a freezer before, you may notice that it makes some rather unusual noises. Most of these are perfectly normal, but you should be aware of them!

GURGLING, WHOOSHING
These noises are caused by circulation of refrigerant in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your freezer.

HUMMING, PURRING OR PULSATING
This is the compressor motor working, as it pumps the refrigerant around the system.

SHOPPING FOR FROZEN FOODS
Your Freezer is 4 star.
When you are buying frozen food, look at the Storage Guidelines on the packaging. You will be able to store each item of frozen food for the period shown against the 4 star rating. This is usually the period stated as ‘Best Before’, on the front of the packaging.

CHECK THE FREEZER TEMPERATURE
Check the temperature of the frozen food cabinet in the shop where you buy your frozen foods. It should show a temperature lower than -18°C.

CHOOSE PACKS CAREFULLY
Take a quick look at the frozen food package and make sure it is in perfect condition.

PURCHASE FROZEN FOOD LAST
Always buy frozen products last on your visit to the supermarket.

KEEP FROZEN FOODS TOGETHER

When you are going around the supermarket and when you are travelling home, if you keep all the frozen foods together they will help to keep each other cold.

STORE FOOD STRAIGHT AWAY
Don’t buy frozen food unless you can freeze it straight away. Special insulated bags can be bought from most supermarkets and hardware shops. These keep frozen food cold for longer.

FREEZING FRESH FOOD

See the technical data sheet at the rear of this booklet for the maximum permissible amount in kilograms of fresh food that can be frozen in any 24-hour period with a room temperature of 25°C. Never freeze more than the maximum permissible.
Set the temperature control to "Super" 24 hours before introducing the fresh food.
2 hours is sufficient for less than 2Kg of fresh food.
The compressor will work continuously whilst on the “Super” setting.
Return the temperature setting to normal after a further 24 hours, 2 hours if less than 2Kg.
It is not necessary to use this setting when introducing ready frozen food.

TO THAW FROZEN FOODS

1. Cover food loosely.

2. Thaw at room temperature. Don't forget that thawing in a warm area encourages the growth of bacteria.

3. Always make sure there are no ice crystals in the food before cooking, particularly with meat. These crystals indicate that the food is not fully thawed. They result in lower temperatures when cooking. Lower cooking temperatures may not destroy bacteria.

4. Cook food as soon as possible after thawing.

5. Drain off and throw away any liquid lost during thawing.

THAWING FROZEN VEGETABLES

For some foods, thawing before cooking is unnecessary. Vegetables and pasta can be added directly to boiling water or steam cooked. Frozen sauces and soups can be put into a saucepan and heated gently until thawed.

OVEN THAWING FROZEN FOODS

Many microwaves and ovens have thaw settings. To avoid bacterial build up, only use these if you intend to cook the food immediately afterwards.

SAFETY TIPS

Never re-freeze anything that has thawed out unless you cook it again, to kill off harmful bacteria. Never re-freeze thawed shellfish.

FREEZING FRESH FOOD (TIPS)

Use quality food and handle it as little as possible. Freeze food in small quantities, it freezes faster, takes less time to thaw and enables you to eat it in the quantity you need. First, estimate the amount of food you will be freezing. Use the Thermostat Control Dial to make your freezer colder (about -30° C), it will therefore freeze quicker and keep in the goodness. However you should use it sparingly to conserve energy.

PROLONGED OFF PERIODS

If the refrigerator is not in use for a long period of time, proceed as follows:
Disconnect the refrigerator from the main supply by removing the plug from the socket.
Clean and dry the inside as instructed under the heading of cleaning the appliance.
Leave the door open to prevent any unpleasant smells from building up while the appliance is not in use.
If there is a power failure for a short time keep the door closed check the contents of the refrigerator every so often.

POWER FAILURE

If there is a power failure for a short time less than 12 hours keep the door closed.Frozen food should not be affected if the failure lasts for less than 12 hours.

Extra protection can be given by covering the appliance with two or three thick blankets.

If a long power failure is anticipated, try to get the foodstuff into another appliance or cold store, if possible.

If the power cut is longer than 12 hrs then check the content of the freezer.

If the food has defrosted, cook and refreeze the food or it should be eaten immediately. Never refreeze food that as been defrosted.

CLEANING AND MAINTENANCE

Before any cleaning or maintenance is carried out you must disconnect the appliance from the mains supply by removing the plug, never remove the plug by pulling on the mains cord. Remove the plug by pulling on the plug itself.

It is recommended that when cleaning the appliance, both the inside and outside, can be cleaned using warm water and a little bicarbonate of soda. Use 1 teaspoon to 1.2 liters of water

Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or cleaning products containing bleach or alcohol.

External Cleaning, wash the outer cabinet with warm soapy water.

Do NOT use abrasive products. There are sharp edges on the underside of the product so care should be taken when cleaning.

Once or twice a year dust the compressor at the back of the appliance, with a brush or Vacuum cleaner, as an accumulation of dust will affect the performance of the appliance and Cause excessive electricity consumption.

Warning:

The refrigerating system must not be damaged at any time.

DEFROSTING THE FREEZER

The freezer will need defrosting periodically (when the frost is more than 3mm thick).

Turn the temperature control to “MIN” and unplug from the mains socket.

Hold the plug itself. Do not remove the plug by pulling on the mains cord.

Remove all the frozen food and wrap in thick blankets to retain the cold or move it to another freezer.

Leave the freezer door open with a suitable container under the front to catch the water as the frost melts.

When the freezer is fully defrosted, clean the inside (see the section on cleaning and maintenance). Then close the door and connect to the mains, now set the temperature control to your required setting (usually the “Normal” setting).

Leave the freezer running for approximately 4 hours before re-introducing the frozen food.

Reversing the door

This refrigerator has been built with the door hinges on the right. If you wish to change the opening direction, follow the instructions below:

1. Remove the upper hinge cover (6) first.
2. Remove the two screws (1) that hold the upper hinge (5) (right side) to the fridge body. Remove the upper hinge (5).
3. Lift the door and place it on a padded surface to prevent scratching it.
4. Reverse the hole cover plate (7) from the left side to the right.
5. Remove the two screws (8) that hold the lower hinge (2) and remove the lower hinge (2).
6. Remove the left front foot (4) and transfer it to the right side.
7. Before fitting the lower hinge (2), swap over the hinge pin (9) and the foot (3) to the other side of the lower hinge (2). Then install the lower hinge (2) onto the left side of the lower frame with two screws (8).
8. Position the door in place making sure the door seats onto the lower hinge (2).
9. Align the door in the closed position secure the upper hinge (5) in the top fame on left side with two screws (1). Remember, do not tighten the two screws (1) until the top of the door is leveled with the top of the fridge.
10. Install the upper hinge cover (6) on the upper hinge.

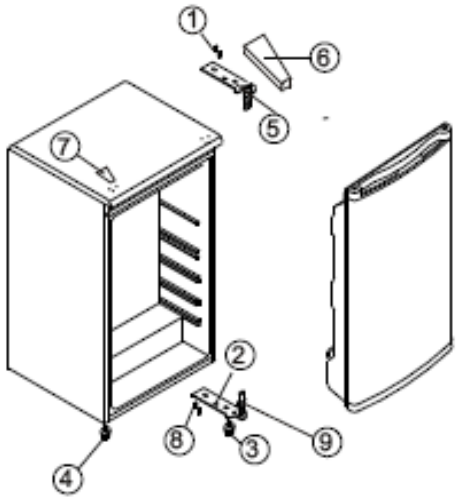


FIGURE 1

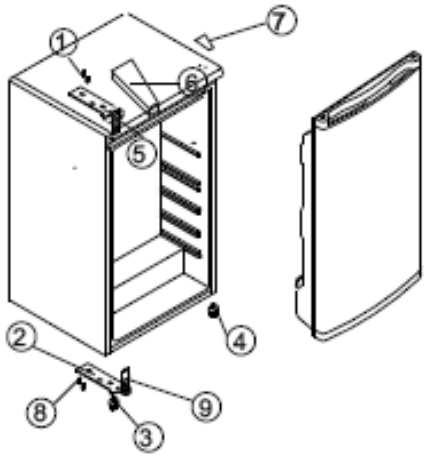


FIGURE 2

FIGURE 1 - REPRESENTATIVE POSITION OF COMPONENTS PRIOR TO DOOR REVERSAL.
FIGURE 2 - RFRPERSENTATIVE POSITION OF COMPONENTS AFTER DOOR REVERSAL.

Troubleshooting

Before calling for service please check the following points.

The freezer is not working

Check the plug is inserted correctly into the wall socket.
Check there is power to the wall socket by plugging in another appliance, if the other appliance works check the fuse in the freezer plug.

The freezer is noisy when running

Check the freezer is level and it is not in contact with another appliance or kitchen furniture.

The freezer does not cool sufficiently

If the door has been opened too often, or it has been left open for a while it will take time for the freezer to reach its set temperature.
Check the airflow over the rear of the freezer has not been reduced due to insufficient clearance.

The following characteristics should not be looked upon as a problem

A gentle trickling sound caused by coolant flowing through the pipe.
Compressor operating at high temperatures.

Prolonged idle periods

If you are going to leave the freezer idle for any period of time, proceed as follows: Disconnect the freezer from the mains supply by removing the plug from the wall socket. Clean and dry the inside as instructed under the heading of cleaning the freezer.
Leave the door open to prevent any unpleasant smells from building up while the freezer is not in use.

Maintenance

Moving your Freezer
Hold the freezer around its sides or base when moving it. Under no circumstance should it be lifted with the edges of the top surface.

Location

Do not locate your Freezer near a heat source, EG cooker, boiler or radiator. Also avoid direct sunlight in lean-to's or sun lounges.

Leveling the Freezer

Make sure the Freezer is level. Use the rotating leveling feet at the front. If the Freezer is not level, the doors and magnetic seal alignments will be affected.

Servicing

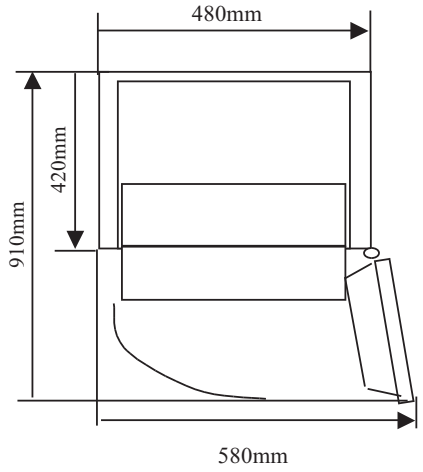
Repairs and maintenance of the appliance, should only be performed by a qualified service agent.

DO'S AND DON'TS

Do- Clean and defrost your appliance regularly (See "Defrosting")
Do- Leave lettuce, cabbage, parsley and cauliflower on the stem.
Do- Wrap raw meat and poultry loosely in polythene or aluminium foil. This prevents drying.
Do- Wrap fish and offal in polythene bags.
Do- Check contents of the compartments every so often.
Do- Store commercially prepared food in accordance with the instructions given on the packets.
Do- Always choose high quality fresh food and be sure it is thoroughly clean before freezing it.
Do- Wrap all food in aluminium foil or food quality polythene bags and make sure any air is excluded.
Don't- Cover the shelves with any protective materials which may obstruct air circulation.
Don't- Store poisonous or any dangerous substances in your freezer. It has been designed for the freezing of edible foodstuffs only.
Don't- Consume food which has been frozen for an excessive length of time.
Don't- Leave the door open for long periods, as this will make the appliance more costly to run and cause excessive ice formation.
Don't- Use sharp edged objects such as knives or forks to remove the ice.
Don't- Use hairdryers, or electrical appliances for defrosting only use item recommended by the manufacturer.
Don't- Put hot food into the appliance. Let it cool down first.
Don't- Put liquid-filled bottles or sealed cans containing carbonated liquids into the freezer as they may burst.
Don't- Give children ice-cream and water ices direct from the freezer The low temperature may cause 'freezer burns' on the lips.
Don't- Try to keep frozen food which has thawed; it should be eaten within 24 hours or cooked and re-frozen.

Technical data

Brand	Proline
Appliance type	Freezer
Star rating	****
Total gross volume (l.)	90 L
Total storage volume (l.)	64 L
Freezing capacity (kg/24h)	3.0 kg/24h
Climate Class +Ambient Range	N(+16℃ to +32℃)
Energy class (1)	A
Power consumption (kWh/year) (2)	190 kWh/year
Supply voltage (V/Hz)	220-240V~/50 Hz
Noise [dB(A)re 1 pW]	<39 dB(A)
Refrigerating agent	R600a/32g
Outside dimensions (W x D x H)	480mm x500 mm x 840mm
Insulation Blowing Gas	Cyclopentane
(1)Energy class: A…..G (A=economical....G=less economical)	
(2) The real power consumption depends on using conditions and appliance location.	



IMPORTANT DISPOSAL INSTRUCTIONS

As a responsible retailer we care about the environment.
As such we urge you to follow the correct disposal procedure for your product and packaging materials. This will help conserve natural recourses and ensure that it is recycled in a manner that protects health and the environment.

You must dispose of this product and its packaging according to local laws and regulations. Because this product contains electronic components, the product and its accessories must be disposed of separately from household waste when the product reaches its end of life.

Contact your local authority to learn about disposal and recycling.

The product and its accessories should be taken to your local collection point for recycling. Some collection points accept products free of charge.

If something doesn't seem to work

If there is something about your appliance which you do not understand and you live in the UK you can phone our help line during normal office hours on: 0113 2793520
Calls are charged at standard rates.

We apologise for any inconvenience caused by minor inconsistencies in these instructions, which may occur as a result of product improvement and development.

Kesa UK, HU1 3AU 24 / 04 / 2008